-Standard Valves-

4060-A VALVE

TRIODE.

SPECIFICATION.

Cathode.

Pure Tungsten filament. Constant voltage type.

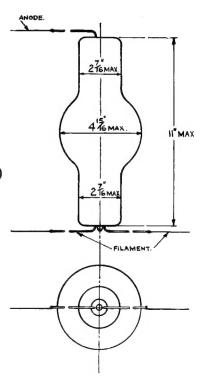
Dimensions.

Neck diameter $2\frac{7}{16}$ " (6·2 cms.) Overall length 11" (28 cms.) Maximum diameter $4\frac{15}{16}$ " (12·5 cms.) Net weight 0.85 lbs. (390 gms.)

Constants.

Filament voltage 12.5 volts Nominal filament current 6 amps. Total emission 0.4 amps. *Impedance 17,000 ohms 20 *Amplification factor Grid-anode capacity 6 μμF. Anode-filament capacity 0·4 μμF. 7 μμF. Grid-filament capacity

* at $V_p = 2,000 V_g$, = 0



LIMITING CONDITIONS FOR SAFE OPERATION.

Maximum direct anode voltage
Maximum direct anode current
Maximum anode dissipation
Maximum direct grid current
Maximum frequency for above ratings

4,000 volts 0·110 amps. 200 watts 0·030 amps. 10 Mc.

> V.4060-A.I Nov. 1937

-Standard Valves-

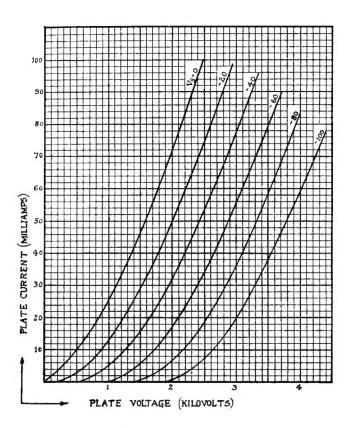
TYPICAL OPERATING CONDITIONS.

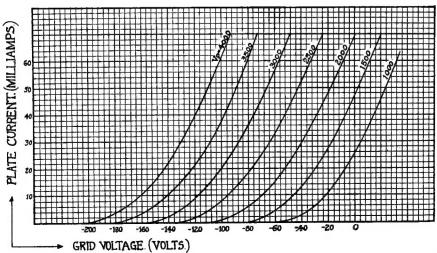
	Class B A.F. Amp. and Mod. For balanced 2 valve circuit
Direct anode voltage	4,000 volts
Grid bias	—120 to —160 volts
Anode current per valve—zero signal	0.014 amps.
Anode current per valve—maximum signal	0.070 amps.
Anode dissipation	125 watts
Load resistance—anode to anode	50,000 ohms
Maximum output—2 valves	300 watts

RADIO FREQUENCY OPERATION.

	Class B Telephony Modulated Carrier applied to grid	Class C Telephony Subject to anode modulation	Class C Telegraphy Unmodulated
Direct anode voltage Direct anode current Grid bias	4,000 0·056 —180	3,000 0-075 300	4,000 volts 0-081 amps. —300 to —500 volts
Anode dissipation Carrier output	150 75	75 150	110 watts 220 watts

—Standard Valves—





V.4060-A.2 Nov. 1937